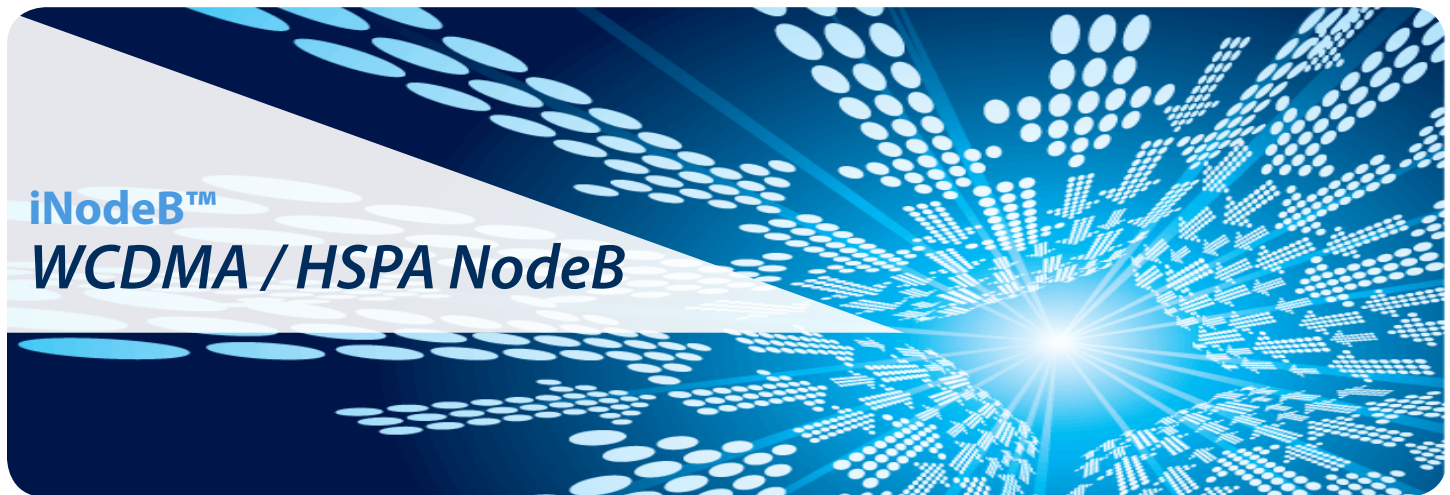


3G Radio Access Network



- True Mobile Broadband – 3GPP WCDMA / HSPA
- IP Transmission for Deployment Flexibility and Scalability
- Compact Size Ideal for Specialized and Transportable Networks

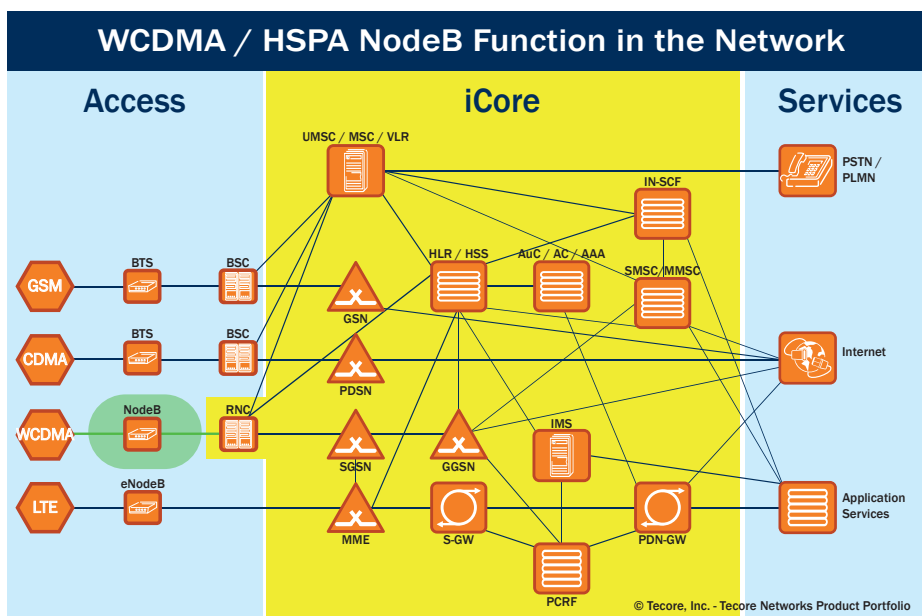


Smartphone and multimedia applications are driving the market for mobile broadband services, helping carriers to grow revenue while putting networks to the test. Tecore offers rural, government and specialized network operators a powerful WCDMA / HSPA NodeB with dramatically reduced footprint and all-IP connectivity, allowing them to extend the edges of their networks into ever more remote — or moving — locations, and increasing the number of addressable users.

The iNodeB can be integrated with Tecore’s multi-technology, multi-generation iCore® in the industry’s smallest complete mobile broadband network in a box. This platform has the capability to support revenue-generating commercial networks, mission-critical man-portable systems, onboard systems for land/sea/air transports, and private in-building networks.

Features

- Compliant with 3GPP Rel. 6
- HSPA 14.4 / 2.3
- IP transmission enables more connectivity options, greater control of backhaul costs, and ubiquitous deployments
- Compact size and enclosure allow flexibility in installation, including mounting on a wall or in a standard 19” telecommunications rack
- Part of the Tecore product portfolio known for multi-technology, multi-generation support



Application Scenarios

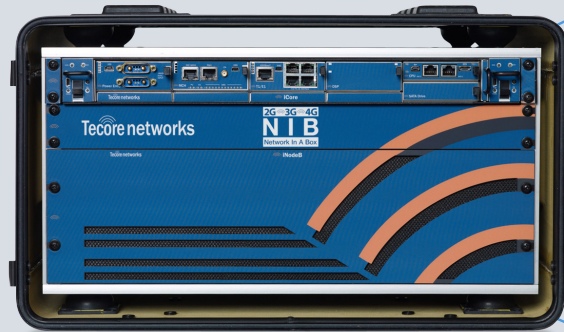
Rural Village System



Rapidly Deployable System



Military Secured System



PSTN

IP

Technical Specifications

RF	Frequency Bands	Band I – DL: 2110-2170 UL: 1920-1980 Band II – DL: 1930-1990 UL: 1850-1910 Band III – DL: 1805-1880 UL: 1710-1785 Band IV – DL: 2110-2155 UL: 1710-1755 Band V – DL: 869-894 UL: 824-849 Band VIII – DL: 925-960 UL: 880-915
	Air Interface	WCDMA FDD 3GPP Local Area Base Station Class
	Receiver Sensitivity	-107 dBm (BER < 0.001)
	Carrier	One carrier, 5 MHz
	Output Power	Pico: 250 mW / Mini: 20 W
THROUGHPUT	HSDPA (peak)	14.4 Mbps
	HSUPA (peak)	2.3 Mbps
POWER	Input Voltage	100-240 V AC
	Power Consumption	Pico: 60 W / Mini: 350 W
NETWORKING	Transmission	100/10 BASE-TX
	RF Connector	Pico: 2 x QMA / Mini: 2 x N-Type
	Local Management	RJ45
	IP Security	Built-in VPN Client
ENVIRONMENTAL	Operating Temperature Range	-5°C to +45°C (23°F to 113°F)
PHYSICAL	Dimensions	Pico: 3.7" h x 16.9" w x 10.8" d / Mini: 8.7" h x 19.0" w x 24.0" d
	Weight	Pico: 13.2 lb (6.0 kg) / Mini: 37.5 lb (17.0 kg)

To learn more about our technology, products and services, call us on +1.410.872.6500 or visit www.tecore.com. ©Tecore, Inc.